Chemical Engineering

ALFRED S. REED PUBLISHER CALVIN S. CRONAN Editor-in-Chief

In August 1946 Chemical & Metallurgical Engineering was renamed Chemical Engineering. Chemical & Metallurgical Engineering was the successor to Metallurgical & Chemical Engineering, which, in turn, was a consolidation of Electro-Chemical & Metallurgical Industry and Iron & Steel Magazine. The magazine was originally founded as Electrochemical Industry.

McGRAW-HILL INC., NEW YORK CITY

Volume 80

January to December 1973

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Batch temperature control near freezing point. B. Meredith Winn Jr. (P.N.) (diagram) .Apr. 16	124		40	Can (C) Jan. 8 Inorganic Chemicals	ŧ
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FPC stepping up curtailment of natural gas (C) Nov. 26	20	Horascope carries a light source for field in-		Gaskets, gas-sealing	95
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Methanol: Can methanol fuel contend? John C.	48	156, Nov. 12-118,Nov. 26	*44		*68
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Natural-gas liquids' outlook: Higher prices, less output. Laurence J. White (N) (chart & tables)		Control system, batchOct. 1	38	Laminated porous metal offers improved	***
Nixon's energy message see Energy	38	July 9 *54. July 9 *118. Aug. 20 *94. Oct. 1		strength	*50 *72
Nixon's energy message see Energy		*38, Oct. 1 *44, Nov. 26 *108, Dec. 10-90		Light bulb, energy-savingAug. 6	120
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Jan. 8 Pennzoil Pipeline suit against Coastal States Gas	52	Control system, batch Controllers Feb. 5-50, May 14 *116, May 22 *68, July 9 *54, July 9 *118, Aug. 20 *94, Oct. 1 *38, Oct. 1 *44, Nov. 26 *108, Dec. 10-90 Conveyor belts Conveyor belts Conveyors Jan. 8-74, May 28 *64 Oct. 29 Cooler, enclosure June 11 Codling touer June 11 Codling touer	*150		66
Pennzoil Pipeline suit against Coastal States Gas asking for the restoration of gas in lieu of mone-		Cooler, enclosure	96 82	Liners, drum Dec. 10 Linings, equipment Oct. 15 Loading assembly June 25 Materials handling: New equipment hits the market Oct. 29 Materials (Oct. 29 Materials (Oct. 20 Materials (Oct.	88 86
tary compensation (C)July 9	28	Cooling tower June 11	*145	Linings, equipment	*54
tary compensation (C)July 9 Petrochemicals' cost crunch. James H. Prestcott		Data-exchange system	110	Materials handling: New equipment hits the	
(N) (tables)	66	Cooling tower June 11	*42 40	marketJune 25	*52 *150
of gas from Ekofisk fields in the North Sea (C)		Data systemOct. 1	44	Meter: Liquid flowmeter is based on fluidic	
Pipeline safety push underway (C)Aug. 20	26 72	Defoamer/deaerator	48	oscillations	*66
Reserve reports: Natural-gas numbers game (N)		Apr. 16-132, Apr. 30-56 Dec. 10	*90	Meter: Two handy instruments make plant	*52
(tables)Oct. 15 Soviet gas for US—talks continue (C)July 23	72	Data system Oct. 1	40	Meter: Two handy instruments make plant measurements easier July 9 Meters Apr. 30 *56, June 25-56, July 9 *48, July 9-50, Aug. 6 *120 Oct. 1 Microballoons Jan. 22 Mill, high-speed Oct. 15 Mill, tablet July 9 Minicomputers Jan. 8 *147, Apr. 30 Mist eliminator Feb. 19 Mixer/processor: All-purpose mixer unveiled Mav 28 Mav 28	
Soviets seek to raise ante in natural gas deal (N)	55	Disk refinerJune 25	*128	July 9-50, Aug. 6 *120Oct. 1	*40 145
Dec. 10	71	Drive, verticle	*90	Mill high-speed	*82
SNG: Ashland Oil's plant construction speeded		Drums	***	Mill, tabletJuly 9	*54 *58
up by a vinyl "bubble" erected over the Buffalo, N.Y., plantsite to protect it from bad weather		Drums, 50-gal plastic	*40 *58	Minicomputers Jan. 8 *147,	68
(C) Feb. 19 Vinyl bubble "weatherproofs" construction (N) Apr. 16 SNG-from hydrocar- bons plant onstream at Marysville, Mich. (C)	52	Dryer: Continuous rotary dryer has shell-and-		Mixer/processor: All-purpose mixer unveiled	
Vinyl bubble "weatherproofs" construction	*74	tube lookOct. 15	*80 *48	May 28 Mixers Jan. 8-74, Jan. 8 *80, Feb. 5 *46, Feb. 19-72, Feb. 19 *78, May 28 *69, June 11-145,	*62
SNG: Consumers Power's SNG-from-hydrocar-	14	Dryer-cooler Mar. 5 Dryers Mar. 19 *143, June 25 *129, Aug. 20 *94 Sept. 17 Duct mute Sept. 3 Dumps: Heavy-duty unit lifts and dumps bulk	40	19-72. Feb. 19 *78. May 28 *69. June 11-145.	
bons plant onstream at Marysville, Mich. (C)	-0	Sept. 17	*98	June 25 '56, Sept. 3 '140, Nov. 12 '120,	***
Oct. 15 SNG: IGT announces new process to make substi-	59	Dumps: Heavy-duty unit lifts and dumps hulk	70	Nov. 26 Monitors Jan. 8-78, Feb. 19 *74, Apr. 30 *52,	*46
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SNG from crude oil near Tunis, N.C. (C)		Dust collector: Double-bag dust collector saves	30	Nov. 26 *44	*149
SNG from naphtha—flowsheet. R.N. Bery (table)	27	space, installs fast	*110	Monitors: Four water monitors debut . Dec. 10	*86
June 11	90	moves fine particles	*114	Monitor/dialer keeps watch over long-term operations	56
SNG-from-naphtha in limbo. John C. Davis (N)		moves fine particles	82	operations Oct. 29	*82
Processes and liquid hydrocarbons that are al-	24	Electric tracer	116	NUx destructorJan. 22	68 84
ternatives to naphtha	25	Sept. 17-102	108	Noise conversion	*114
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June 11	67	Fan, plastic	*132	Pipe liners	*54 *87
USGS report gives grim picture of scarcity in U.S.	44		88	Plasma spray systemJuly 23	80 54
mineral resources (C)	44	Fermenter, pilot-plantDec. 10	*90	Pipe, paistic Mar 3-94, Sept. 17 102, 1700, 28 Pipe hanger Jan. 22 Pipe liners Apr. 30 Piping, underground Oct. 29 Plasma apray system July 23 Plastic, conductive July 9 Plastics, reinforced Oct. 29	54
Equipment	*0	Filler, pinhole Jan. 8 Filter bottoms May 14	*118	Polymer feed systemJune 11	82 82
Absorber, surge	58	Filter cartridgeNov. 12	*116	Polymer feed systemJune 11 Positioner, pneumaticDec. 10	*95
senzweig	*98	Filter cartridge Nov. 12 Filter leaf, welded Spiter leaf, welded Spiter leaf, welded Spiter leaf, welded June 11-34 Filter press enhances sludge dewatering know-	*104	Pressure instruments Oct. 1 Pump: Modular pumps match needs Apr. 30	*50
Actuator, valve	00	June 11-84	108	Pump, vacuum, boasts a Wankel-like design	
Adsorber, charcoal Dec. 10 Aeration system Sept. 17	92 *98	Filter press enhances sludge dewatering know-		Mar. 5	*48
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